U.S. Application Serial No.: 10/500,511

IN THE CLAIMS

A complete listing of the pending claims is provided pursuant to 37 C.F.R. § 1.121(c)(1). Please amend claim 11 as follows:

1. (Withdrawn) A method for preparing a substantially pure tissue graft composition comprising basement membrane of warm-blooded vertebrate liver tissue, said method comprising the steps of

partially hydrolyzing the liver tissue by contacting the tissue with an aqueous composition comprising an exogenous protease;

washing the liver tissue with an aqueous detergent composition comprising a non-denaturing detergent;

removing the non-denaturing detergent; and

washing the liver tissue with an aqueous composition comprising a denaturing detergent substantially free of non-denaturing detergent.

- 2. (Withdrawn) The method of claim 1 further comprising the step of slicing the liver tissue into sheets or strips before the liver tissue is hydrolyzed with the protease.
- 3. (Withdrawn) The method of claim 2 wherein the liver tissue is sliced into sheets or strips having a thickness of up to about 2000μ .
- 4. (Withdrawn) The method of claim 1 further comprising the step of digesting the pure tissue graft composition with an enzyme composition for a period of time sufficient to solubilize at least a portion of the liver basement membrane.
- 5. (Withdrawn) The method of claim 4 wherein the tissue graft composition is digested with an enzyme composition for a period of time sufficient to form a liver basement membrane solution.
- 6. (Withdrawn) The method of claim 5 further comprising the step of adjusting the pH to about 5.0 to about 9.0 to form a gel.

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- 7. (Withdrawn) The method of claim 1 wherein the protease is trypsin.
- 8. (Withdrawn) The method of claim 1 wherein the non-denaturing detergent is selected from the group consisting of polyoxyethylene ethers, 3-[(3-cholamidopropyl dimethylammonio]-1-propane-sulfonate, nonylphenoxy polyethoxy ethanol, polyoxyethylenesorbitans, sodium lauryl sarcosinate, and alkyl glucosides including C8-C9 alkyl glucoside.
- 9. (Withdrawn) The method of claim 1 wherein the denaturing detergent is selected from the group consisting of deoxycholate and sodium dodecylsulfate.
- 10. (Withdrawn) The method of claim 1 further comprising the step of mechanically dissociating cells and cell fragments from the liver basement membrane.
- 11. (Currently amended) A purified liver basement membrane graft composition comprising <u>decellularized</u> basement membrane of warm-blooded vertebrate liver tissue, wherein the DNA content of the liver basement membrane is within a set of values with an average of 0.303 and a standard deviation of 0.263 micrograms of DNA per milligram of dry weight of the basement membrane and wherein the graft composition is remodelable upon implantation.
- 12. (Original) The composition of claim 11 wherein the liver basement membrane is fluidized.
- 13. (Original) The composition of claim 11 wherein the liver basement membrane is in a gel form.
- 14. (Original) The composition of claim 11 wherein the liver basement membrane is dried and is in powder form.
- 15. (Original) The composition of claim 11 wherein the liver basement membrane is substantially free of cells of the warm-blooded vertebrate.
- 16. (Withdrawn) A method for inducing the formation of endogenous tissue at a site in need of endogenous tissue growth in a warm blooded vertebrate, said method comprising implanting the graft composition of claim 11 comprising basement membrane of

liver tissue of a warm-blooded vertebrate in an amount effective to induce endogenous tissue growth at the site of administration of the graft composition.

17. (Previously presented) A liver tissue derived composition for supporting the growth of a cell population, said composition comprising the liver basement membrane composition of claim 11 wherein the liver basement membrane composition of claim 11 is devoid of source liver tissue endogenous cells; and

added nutrients to support the growth of said cell population in vitro.

- 18. (Previously presented) A liver tissue derived composition for supporting the growth of a cell population, said composition comprising culture-ware coated with a matrix comprising the liver basement membrane composition of claim 11 wherein the liver basement membrane composition of claim 11 is devoid of source liver tissue endogenous cells.
- 19. (Previously presented) A collagenous tissue graft structure comprising decellularized basement membrane wherein the DNA content of the basement membrane is within a set of values with an average of 0.303 and a standard deviation of 0.263 micrograms of DNA per milligram of dry weight of the basement membrane and wherein the graft composition is remodelable upon implantation.

20-21. (Canceled).